

Date: Mon, 31 Jan 94 04:30:40 PST
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #18
To: Ham-Equip

Ham-Equip Digest Mon, 31 Jan 94 Volume 94 : Issue 18

Today's Topics:

Diamond RH-77CA Rubba' Duck
 htx-202 or dj-162 ?
IC-901 Reviews <if any?> Also FCC opened up that band.. (3 msgs)
 Info/Manual Needed for FDK MULTI 800-D
 Need Mostar PROM Burned
 Radio Shack CB Range (2 msgs)
 Reciprocal mixing at 25 kHz, ICF-2010 Help! (2 msgs)
 SONY 2010 for Sale
 Voltage/current through a key?
 WANTED: Info for Digicom DG800 2m HT
 want ham rigs
 x

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Jan 1994 23:29:14 GMT
From: ucsnews!sol.ctr.columbia.edu!news.kei.com!ssd.intel.com!chnews!
ornews.intel.com!landesk!bmiller@network.ucsd.edu
Subject: Diamond RH-77CA Rubba' Duck
To: ham-equip@ucsd.edu

In article <2i8qfj\$107@hp-col.col.hp.com> chrism@col.hp.com (Chris Magnuson)
writes:

>Anyone used this antenna? I'm thinking of buying it to replace the ICOM
>2SRA one for the receive side of the radio. So I need something that
>gives good wideband (to 950MHz) performance. In a pinch, I may move it to the 2m

>side of the radio if the Hot Rod is not available.
>
>THanks,
>Chris Magnuson
>chrism@col.hp.com

I assume you already know this, but in case you don't own the 2SRA yet, let me say that the receive side of the radio has a 1/8 inch earphone type antenna connector and not a BNC. If you have an adaptor 1/8" to BNC that won't make the antenna flop over, I'd like to hear about it.

--
Brett Miller N70LQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

Date: Thu, 27 Jan 1994 16:53:18 GMT
From: nntp.ucsb.edu!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!
vixen.cso.uiuc.edu!sdd.hp.com!apollo.hp.com!hpwin052!hpqmoea!
dstock@network.ucsd.edu
Subject: htx-202 or dj-162 ?
To: ham-equip@ucsd.edu

Jerry Sy (ah301@yfn.ysu.edu) wrote:

: currently, I am leaning towards the dj-162 because of its wide
: receive.

: jerry

Wide receive is literal for all this class of radio, they tend to be very prone to losing the ability to hear an Amateur band signal when there are strong out-of band signals about. The only cure is having tight filtering around the amateur band, and this precludes wide range reception.

You'll not be far wrong if you think of them as a box containing 3 things:

- 1) a "scanner" with performance that places it at the cheap end of the scanner market, and less frequency coverage than usual.

2) A reasonable quality amateur band transmitter.

3) An amateur band receiver with only the performance of a cheap scanner, that is very susceptible to strong unwanted signals.

There are many people who have these and are delighted with them. Possibly due to being in areas away from non-amateur transmitters, or perhaps because they don't know what they've missed because they never heard it....

The Tandy hand-held may now be the only amateur hand-held that has not seriously compromised its performance as an amateur band radio.

I understand that some hand-helds now have computer game modes. Could they have been included to give the user something to do while in areas where blocking is frequent?

Ok, I've got strong opinions in this area, but if scanning was your prime interest, you probably wouldn't have got a licence.

If you can't hear 'em, you can't work 'em. whoever said it first is probably long dead, but it is still true. Also don't you just always lose contact just at a critical point in a talk-in etc.

Cheers

David

Date: 23 Jan 94 18:48:27 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!news.unt.edu!sol!
io90@ucbvax.berkeley.edu
Subject: IC-901 Reviews <if any?> Also FCC opened up that band..
To: ham-equip@ucsd.edu

Two questions folks, is the IC901 <Icoms Multiband mobile with fiberoptics> still available? Is it a good rig? Any problems with it? etc.

Also the FCC opened up some band <cant remember which like 470MHz? for low wattage at public use <i.e. no license> Do any companys make handhelds in this range or a HT that can be modded into what ever that range is. In my understanding of the rules you dont need a license. This would be ideal for my girlfriend <until she gets her no code ticket> and I to use while out shopping or caravanning in two different cars..

Id appreciate thoughts on both of the above either public or private..

Trey Garland - N5RXZ

Date: 28 Jan 1994 20:34:22 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!
sdd.hp.com!col.hp.com!bobw@network.ucsd.edu
Subject: IC-901 Reviews <if any?> Also FCC opened up that band..
To: ham-equip@ucsd.edu

Dana Myers (myers@sunspot.West.Sun.COM) wrote:

: You're probably thinking of GMRS around 460 MHz. The FCC did *not*
: recently open this band up to unlicensed use; you need to file a form
: 570 with \$35 for the GMRS license. You are licensed for all GMRS
: frequencies when you do this; you do not pay NABER for frequency
: selection.

You are not licensed for ALL GMRS freqs...
You need to specify up to 2 of the main channels and
(using low power) you are authorized to use any of the
interstitial channels.

Bob Witte / HP PMO (Colo Springs) / bobw@col.hp.com / KB0CY / (719) 590-3230

Date: 25 Jan 1994 17:12:10 GMT
From: unogate!news.service.uci.edu!usc!howland.reston.ans.net!cs.utexas.edu!
swrinde!sgiblab!sgigate.sgi.com!olivea!korie!male.EBay.Sun.COM!
newscast.West.Sun.COM!abyss.West.Sun.@mvp.saic.com
Subject: IC-901 Reviews <if any?> Also FCC opened up that band..
To: ham-equip@ucsd.edu

In article <io90.759350907@sol> io90@sol.acs.unt.edu (Trey Garland) writes:
>

>Two questions folks, is the IC901 <Icoms Multiband mobile with
>fiberoptics> still available? Is it a good rig? Any problems with it? etc.
>

>Also the FCC opened up some band <cant remember which like 470MHz? for
>low wattage at public use <i.e. no license> Do any companys make
>handhelds in this range or a HT that can be modded into what ever that
>range is. In my understanding of the rules you dont need a license. This
>would be ideal for my girlfriend <until she gets her no code ticket> and
>I to use while out shopping or caravanning in two different cars..

You're probably thinking of GMRS around 460 MHz. The FCC did *not*

recently open this band up to unlicensed use; you need to file a form 570 with \$35 for the GMRS license. You are licensed for all GMRS frequencies when you do this; you do not pay NABER for frequency selection.

The only unlicensed band, other than Part 15 bands, is 27MHz CB.

Oh, yeah, you aren't permitted by law to use a non-type accepted radio on GMRS. That means an opened-up ham radio is not legal.

--

* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are

*

* (310) 348-6043 | mine and do not necessarily *

* Dana.Myers@West.Sun.Com | reflect those of my employer

*

* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 29 Jan 94 16:05:55 GMT

From: utcsri!newsflash.concordia.ca!CC.UMontreal.CA!fn@rutgers.rutgers.edu

Subject: Info/Manual Needed for FDK MULTI 800-D

To: ham-equip@ucsd.edu

Hi,

I have a 2m FM PLL transceiver model FDK MULTI 800-D. It was manufactured by Fukuyama Electronics Co., Ltd., Japan.

I'd like to use it for packet radio but I am missing the manual. Could someone be kind enough to xerox it for me (I'll naturally reimburse all the expenses). I am particularly interested in the pinout of the external 24-pin connector identified as 'ACC'.

Moreover this TX is configured for region 1, ie it works only from 144 to 146 Mhz. I know that it is possible to modify it to work from 144 to 148 Mhz, but HOW ?

Any help will be greatly appreciated.

TNX, 73 de Francois / VE2NFC.

--

Francois Normant (VE2NFC) | Internet: fn@mathappl.polymtl.ca

Ecole Polytechnique - Mathematiques | Compu\$erve: 75210,525

C.P. 6079 - succursale centre ville | Tel. (514) 340-5968
Montreal - Quebec - Canada - H3C 3A7 | Fax. (514) 340-4463

Date: Thu, 27 Jan 1994 21:08:17 GMT
From: era!era!mark@uunet.uu.net
Subject: Need Mostar PROM Burned
To: ham-equip@ucsd.edu

I have a Motorola Mostar (VHF Hi, presently on 153 MHz) that I need reprogrammed, and neither the local dealers or the local Motorola service center have the interface box and the software to do it. (Some have the software, others have the RIB, and no two will get together to get the job done. Ugh!)

If anybody out there in netland would be willing to burn a PROM and mail it to me, please drop me a line. There'd certainly be the cost of the part plus a few bucks in it for you. (And yes, I know the receiver needs to be opened up a bit to cover the entire 2m band.)

TNX ES 73

- Mark

.....
: Mark A. Feit, KR4FH : Internet: mark@era.com :
: Engineering Research Associates : USENET:!uunet!era!mark :
.....

"Rock journalism is people who can't write interviewing people who can't talk for people who can't read." -- Frank Zappa, 1940-1993

Date: Fri, 28 Jan 1994 00:01:39 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!news.cic.net!destroyer!nntp.cs.ubc.ca!alberta!ipl!ve6bc!doug@network.ucsd.edu
Subject: Radio Shack CB Range
To: ham-equip@ucsd.edu

jolson@micromed.com (Jason Olson) writes:

>Could someone please tell me what the apx. range is for those chep-o \$50
>radio shack car CB's?

I have gotten a maximum range of about 500 feet out of my Radio Shaft CB, but I had to use a catapult to do it.

A friend of mine had better luck using an inner tube from a tractor tire

tied between 2 stumps. Range was easily 800 feet or more.

Another friend was less successful with his attempt at using booster rockets attached to his old Navaho 23.

I suggest you buy the most expensive CB that they sell.

--

Doug MacKintosh | Edmonton, Alberta, Canada
doug@ve6bc.ampr.ab.ca | You can run with the big dogs or sit on the porch.

Date: 30 Jan 1994 22:09:03 GMT
From: sdd.hp.com!col.hp.com!bobw@network.ucsd.edu
Subject: Radio Shack CB Range
To: ham-equip@ucsd.edu

Jason Olson (jolson@micromed.com) wrote:
: Could someone please tell me what the apx. range is for those chep-o \$50
: radio shack car CB's?
: Thanx in adv.

Try rec.radio.cb instead of this group.

Date: Fri, 28 Jan 1994 23:11:03 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!newsserver.jvnc.net!
raffles.technet.sg!ntuix!ntuvax.ntu.ac.sg!asirene@network.ucsd.edu
Subject: Reciprocal mixing at 25 kHz, ICF-2010 Help!
To: ham-equip@ucsd.edu

Hi,

I am experiencing reciprocal mixing of signals on my SONY
ICF-2010/2001D at about 24 or 25 kHz above the actual signal image.
Is there something i can do to fix this? Tks.

73 de 9V Daniel

Date: 29 Jan 1994 15:50:53 GMT
From: library.ucla.edu!agate!usenet.ins.cwru.edu!neoucom.edu!news.ysu.edu!
yfn.ysu.edu!aj092@network.ucsd.edu
Subject: Reciprocal mixing at 25 kHz, ICF-2010 Help!
To: ham-equip@ucsd.edu

In a previous article, asirene@ntuvax.ntu.ac.sg () says:

>Hi,
>
> I am experiencing reciprocal mixing of signals on my SONY
>ICF-2010/2001D at about 24 or 25 kHz above the actual signal image.
>Is there something i can do to fix this? Tks.
>
>73 de 9V Daniel
>

Steve Whitt mentions a rather detailed (but simple) fix in his book involving replacing or adding 3 or 4 capacitors in the radio's IF section. It DOES involve moving a shield and some pretty detailed solder work so it isn't for the feint of heart or those with limited soldering experience though!

Has ANYONE reading this group done the mod to see how it performs? I haven't yet -- and have been trying to see if anyone else has before I tackle it to see if it really does make a difference. I have been getting more and more annoyed by the background "rumble" on 49 metres in the evenings here, and would like to try the mod sometime t see if it helps.

73 //kvz
--
kv zichi -->bz649@Cleveland.Freenet.edu
despite what the address above may say!

Date: 28 Jan 94 15:39:00 -0500
From: blkcat!1-109-239-0!Paul.Brzonkala@uunet.uu.net
Subject: SONY 2010 for Sale
To: ham-equip@ucsd.edu

THIS WEEKEND ONLY

Best price on the board for this one year old. USB/LSB/SSB/AIR/FM. Tune in with Synchronous Side Band for a great signal lock. 32 Presets. Timers. Comes with original manuals, stickers, A/C power cord, external antenna.

\$ 220.00 (703) 816-7823 Leave Message

Date: 28 Jan 1994 19:19:48 GMT
From: agate!headwall.Stanford.EDU!bcm!cs.utexas.edu!howland.reston.ans.net!
vixen.cso.uiuc.edu!bradley.bradley.edu!augustana.edu!gganderson@network.ucsd.edu
Subject: Voltage/current through a key?
To: ham-equip@ucsd.edu

Curiosity question:

With modern transceivers (Icom 7xx's for example), what
levels of voltage and current go through the CW key?
Anything where one has to be isolated from it?

I ask cause of the idea of homemade keys and paddles,
and therefore how insulated you need to be from the circuit.

Thanks. Kevin

Kevin L. Anderson, Geography Dept., Augustana College
Rock Island, Illinois 61201 USA phone: (309) 794-7325
e-mail: gganderson@augustana.edu or kla@helios.augustana.edu

Date: Fri, 28 Jan 1994 16:44:02 GMT
From: mdisea!mothost!schbbs!news@uunet.uu.net
Subject: WANTED: Info for Digicom DG800 2m HT
To: ham-equip@ucsd.edu

I have a Digicom DG800 2 meter HT that is around 10 years old (est.).
It is a synthesized thumbwheel style unit. I would really like to get
my hands on a manual, schematics, or any other info on the unit.
I would like to set the deviation properly, but without the schematic
I have been unsuccessful in locating the adjustment. I will be happy
to pay copy costs, postage, and handling.

The actual manufacturer is unknown and the importer/distributor
no longer exists, but the unit works fine.

Please email to: Curtis_Eickerman@email.mot.com

Curtis, WB6PUS, Tempe, AZ

Date: 27 Jan 1994 01:02:47 GMT
From: nntp.ucsb.edu!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!

cs.utexas.edu!swrinde!sgiblab!sgigate.sgi.com!olivea!korie!news2me.EBay.Sun.COM!
jethro.Corp.Sun.COM!usenet@@.

Subject: want ham rigs

To: ham-equip@ucsd.edu

Hi, folks,

I am a beginner in Ameteur Radio, and I am preparing to pass the none-code
technician

licience. I really need a 2m hand held radio to get in touch with the air.

Since I am a rockie on this area, I don't want a high-end or expensive model, a
nice

clean used(3 to 5 years) will be most suitable for me.

If anybody has a spare 2m hand held radio for sale, I will offer 100 - 130 bucks
plus shipping.

Please contact me at ruentien.lu@corp.sun.com

Date: Fri, 28 Jan 1994 16:16:32 GMT

From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!

sdd.hp.com!col.hp.com!csn!news.den.mmc.com!pogo.den.mmc.com!

boutell@network.ucsd.edu

Subject: x

To: ham-equip@ucsd.edu

In article <2658@indep1.chi.il.us> clifto@indep1.chi.il.us (Cliff Sharp) writes:

>In article <pomplun.120.0@llnl.gov> pomplun@llnl.gov (Don Pomplun) writes:

>>x

>

> Which begs the question... y?

>

zzzzzz.....

Date: Thu, 27 Jan 1994 17:22:35 GMT

From: catfish!cscsun!dtiller@uunet.uu.net

To: ham-equip@ucsd.edu

References <1994Jan23.200102.1310@mulvey.com>, <2hv3n5\$iqb@hp-col.col.hp.com>,
<CK52z3.36Az@austin.ibm.com>scs

Subject : Re: IC-901 Reviews <if any?> Also FCC opened up that band..

blood@austin.ibm.com wrote:

: Could someone tell me about GMRS. WHAT why how, Can you put a repeater on it?

: Can you have base stations? Can your kids play with it?

See Title 47, part 95 (I think) on Personal communications.

--

David Tiller	Network Administrator	Voice: (804) 752-7373	
dtiller@rmc.edu	Randolph-Macon College	Fax: (804) 752-7231	
n2kau@wa4ong.va.usa.na	P.O. Box 5005	ICBM: 37d 42' 43.75" N	
+++Arch-Conservative+++	Ashland, Va 23005	77d 31' 32.19" W	

End of Ham-Equip Digest V94 #18
